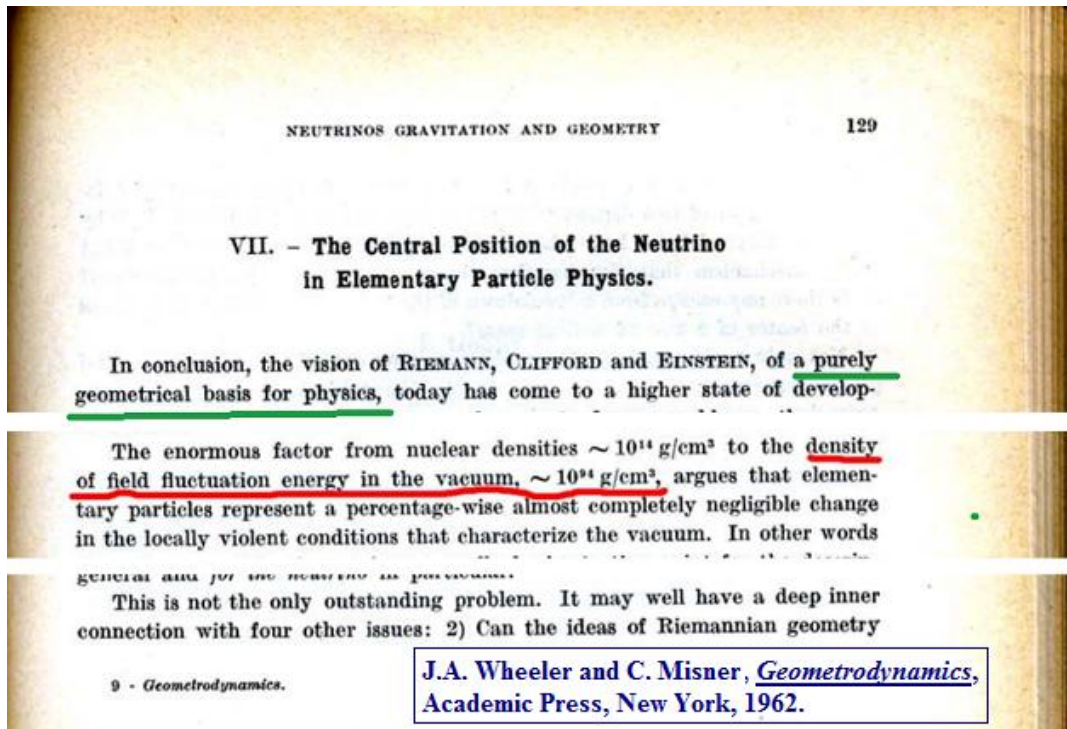


# Geometrodynamics

written by Hamid – February 2017



J. A. Wheeler and C. Misner, [Geometrodynamics](#), Academic Press, New York, 1962.

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In the twentieth century, the endeavors of scientists were based on this subject that a **unifying theory** to be presented for reconciling two incompatible but important and obviously successful theories of twentieth century, one is **the theory of general relativity** which describes the very large-scale structure of space-time, and the other is **the theory of quantum mechanics** which describes the atomic and subatomic structures at very small-scales.

In order to reconcile or combine the two aforementioned theories, it has been concluded as well if a theory could prove that also gravity similar to the other three fundamental forces in nature has a quantum structure, in that case it can be remembered as the **“Theory of Everything, TOE”**. In the twentieth century several theories on this basis, namely **Quantum Gravity**, have been developed by theoretical physicists as the candidate for *“theory of everything”*. These theories, including different types of *String Theory*, *M-Theory* and *Loop Quantum Gravity*, in addition to having considerable ambiguities still have not been confirmed experimentally. **Geometrodynamics**, as **John Archibald Wheeler’s** interpretation of physical phenomena is an attempt to describe space-time and associated phenomena completely in terms of geometry. In fact and in short, *Wheeler* (July 9, 1911 – April 13, 2008) wanted to reduce physics to geometry. Did he succeed to prove his theory? I don’t know.

As the result of my researches, [proof of quantum gravity](#) and [proof of Aether’s existence](#) are mathematically possible. These proofs, which have a geometrical basis, are realized by using *the Gaussian Normal Distribution* and consequently, by understanding **Quantum Geometry** and also **Exact Planck Length**. The latter is the only plausible *natural unit*.

## Note:

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